ROZENBLAT, V.V.; VOROB'YEV, A.T.

Method for deriving cardiac biocurrents in man using dynamic radiotelemetry. Biul, eksp. biol. i mod. 52 no.10:119-122 0 161.

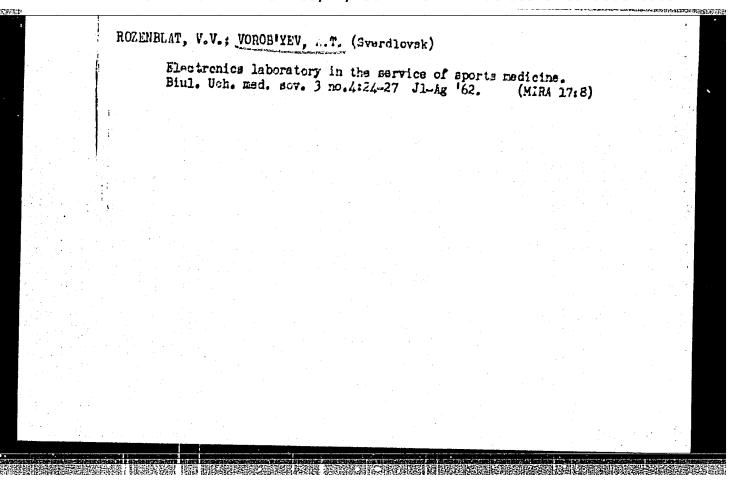
1. Iz laboratorii moditsinskoy radioelectrokiki (zav. - kandidat meditsinskikh nauk V.V.Rozenblat) gorodskogo vrachebno-fizkul'turnogo dispansera (glavnyy vrach M.B.Kazakov), Sverdlovek. Predstavlens deystvitel'nym chlenom AMN SSSR A.A.Latavet).

(ELECTROCARDIOGRAPHY)

ALEKSEYEV, A.P., otv. red.; ADROV, M.M., spets. red.; KONSTANTINOV, K.G.. spets. red.; KUTAKOV, B.G., red.; MASLOV, N.A., red.; MINDER, L.P., red.; NIKOL'SKIY, L.S., red.; STAROVOYTOV, P.A., red.; SURKOV, S.S., red.; KERANOVSKIY, A.Yu., red.; YUDANOV, I.G., red.; VOROBLYEV, A.T., red.

[Materials of the session of the Scientific Council of the Arctic Scientific Research Institute of Marine Fisheries and Oceanography dealing with the results of research in 1962-1963] Materialy sessii Uchenogo soveta PINRO po rezultatan issledovanii v 1962-1963 gg. Murmansk, 1964. 237 p. (MIRA 18:1)

1. Murmansk. Polyarnyy nauchno-issledovatel'skiy i proyektnyy institut morskogo rybnogo khozyaystva i okeanografii.
2. Direktor Polyarnogo nauchno-issledovatel'skogo i proyektnogo instituta morskogo rybnogo khozyaystva i okeanografii,
Murmansk (for Alekseyev). 3. Laboratoriya vos; roizvodstva
Polyarnogo Nauchno-issledovatel'skogo i proyektnogo instituta
morskogo rybnogo khozyaystva i okeanografii, Murmansk (for Surkov). 4. Aboratoriya tekhniki promyshlennogo rybolovstva
Polyarnogo nauchno-issledovatel'skogo i proyektnogo instituta
morskogo rybnogo khozyaystva i okeanografii, Murmansk (for
Starovoytov).



507-47-58-6-26/28 AUTHOR: Voroh'yev, A.V., in charge of the Physics workshop of the

Oblast IUU

TITLE: A Scientific-Practical Conference of the Amur Oblast School

Teachers (Nauchno-prakticheskaya konferentsiya uchiteley

shkol Amurskoy oblasti)

PERIODICAL: Fizika v shkole, 1958, Nr 6, pp 91 - 92 (USSR)

ABSTRACT:

In 1958, the Amur Oblast Institute of Teachers' Advanced Training conducted an Oblast scientific-practical conference of physics and mathematics teachers for the purpose of generalizing and popularizing advanced experience on raising the quality of teaching and education. At the plenary meeting a report was heard "On the State of and Measures for a Further Improvement of Tuition, and the Extent of Students' Knowledge in Mathematics and Physics". The author describes the method applied by Yu.G. Kengurov, teacher of the 16th Secondary School at Raychikhinsk and speaks of the 2 demonstrations adopted by L.N. D'yachkova, physics teacher of the 9th Secondary School of the town of Svobodnyy, on the theme

Card 1/2

"Direct Electric Current". Teacher M.K. Mungalov (Blagovesh-

A Scientific-Practical Conference of the Amur Oblast School Teachers SOV-47-58-6-26/28

chensk) told of his experience in teaching "The Structure of an Atom". V.P. Miller, teacher of the School of Working Youth at Station Mikhaylo-Chesnokovskaya, reported on the organization and conduct of laboratory work. An exhibition of devices made by students was shown to the members of the

ASSOCIATION: Kabinet fiziki Oblastnogo Instituta Usovershenstvovaniya uchiteley (IUU) (Oblast Institute of Teachers' Advanced

1. Mathematics--Study and teaching 2. Physics--Study and teaching

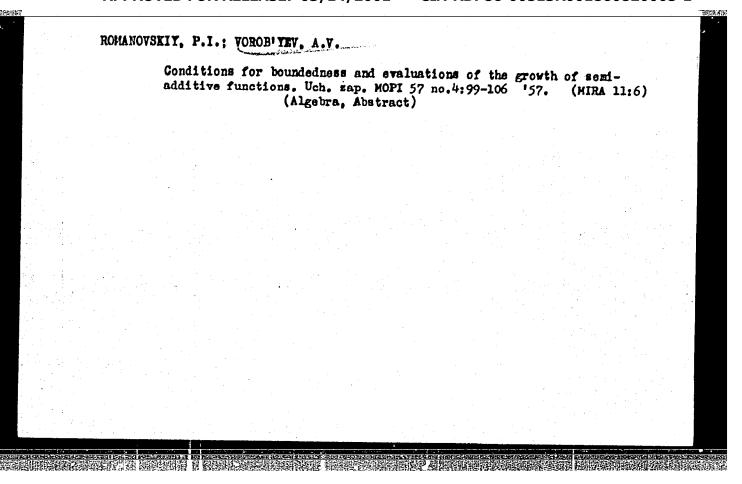
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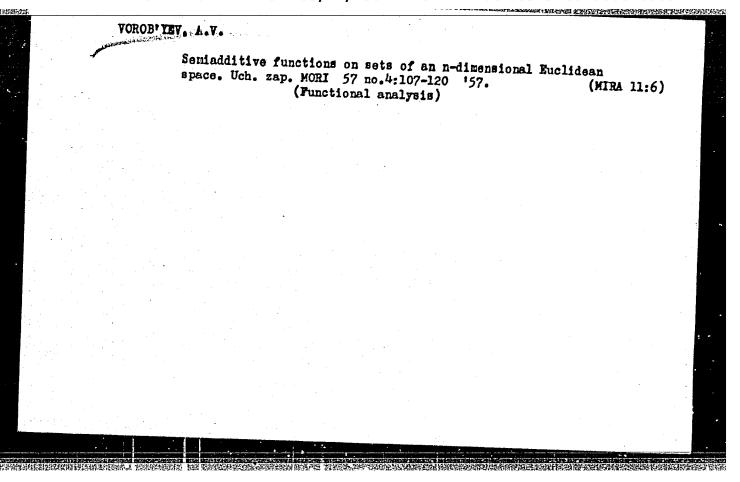
VOROBIYEV, A. V.

VOROB'YEV, A. V. - "On the theory of semiadditive functions". Moscow, 1955.

Min Education RSFSR. Moscow Oblast Pedagogical Inst. (Dissertation for the Degree of Candidate of Physicomathematical Sciences.)

S): Knizhnaya Latopis' No. 46, 12 November 1955. Mascow





Physical modeling of corona characteristics. Zhur.tekh.fiz.25
no.ll:2008-2010 0 '55.
(Corona (Electricity))

(Corona (Electricity))

THE PERSON NAMED OF THE PE

# VOROB! YEV. A.V .: TIKHODEYEV, N.N.

Effect of the geometric parameters of high-tension d.c. transmission lines on generalized corona characteristics. Zhur.tekh.fiz. 26 no.4: 759-766 Ap '56.

(Electric lines) (Cerona (Electricity))

VOROB YEV, A.V.

USSR/Electronics - Cas Discharge and Gas-Discharge Instruments, H-7

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35168

Author: Vorob'yev, A. V., Tikhodeyev, N. N.

Institution: NIIPT, Moscow

Title: Effect of Geometric Parameters of High-Voltage D-C Transmission Line on the Generalized Characteristics of the Corona. II. Bipolar

Line

Original

Periodical: Zh. tekhn. fiziki, 1956, 26, No 4, 767-771

Abstract: Experimental data are given on a model of a transmission line with a

voltage of ±100 kv, characterizing the effects of various geometric parameters of the bipolar line on the corona currents. The change in the generalized characteristic due to a change in the parameter 2b/r<sub>0</sub> is insignificant over a range covering; all possible relationships on d-c lines of very high voltages. The parameter 2b/H hardly affects the generalized characteristics, making it possible to conclude that

it is possible to stimulate a bipolar line without taking into

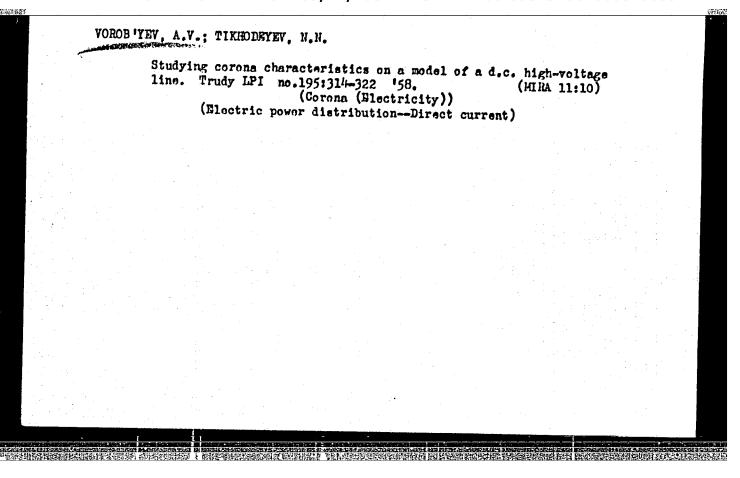
Card 1/2

USSR/Riectronics - Gas Discharge and Gas-Discharge Instruments, H-7

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35168

Abstract: account the sag of the conductors (2b -- distance between conductors, ro -- radius of conductor, H -- height of suspension). Dividing the wires produces the same effect as for the case of unipolar corona in a split wire.

Card 2/2



ACC NR. AR6027134

SOURCE CODE: UR/0272/66/000/004/0143/0144

AUTHOR: Vorob'yev, A. V.

TITLE: Precision measurement of high dc voltages by means of high-impedance voltage dividers

SOURCE: Ref. zh. Metrologiya i izteritel'naya tekhnika, Abs. 4.32.1041

REF SOURCE: Izv. N.-1. in-ta postoyan. toka, sb. 11, 1965, 337-341

TOPIC TAGS: electric measurement, electric measuring instrument, voltage divider

ABSTRACT: Some problems of precision measurement of high dc voltages of the order of several hundred kilowatts by means of high-impedance voltage dividers are discussed. Special emphasis is given to methods (M) of checking the division ratio of the dividers under operating conditions. A modification of the bridge M is proposed which makes possible the self-checking of the dividers. A new M of checking is proposed: an M of a sample signal, transferred to this branch of technology from the and bibliography of 4 titles. Ye. Kiyayev

SUB CODE: 09, 14

Card 1/1

UDC: 621.317.727.2.027.3

# All-Union seigntific technical conference on the generalization of practice in using mathematical machines in the automobile industry. Avt. prom. 29 no.4:48 Ap '63. (MIRA 16:6) 1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut. (Automobile industry) (Calculating machines)

S/113/60/000/010/013/014 D270/D301

AUTHORS:

Khorin, A.D., Vorob'yev, A.V.

TITLE:

All-Union conference on methods and apparatus for

testing automobiles and their assemblies

PERIODICAL: Avtomobil naya promyshlennost, no. 10, 1960, 41 - 43

TEXT: The Vsesoyuznoye soveshchaniye o metodike apparature dlya eksperimental nogo issledovaniya avtomobiley, dvigateley i ikh agregatov (All-Union Conference on Methods and Apparatus for the Experimental Study of Automobiles, Engines and their Assemblies) was held at NAMI from 17-19 May, 1961. An exhibition of instruements and mobile laboratories was also staged. Electromechanical instruments for indicating the state of operating conditions were presented by the Moskovskiy avtozavod imeni Likhacheva (Moscow Automobile Plant imeni Likhachev), Gor'kovskiy avtozavod (Gor'kiy Automobile Plant), NAMI and the Institut mashinove@eniya Gruzinskoy SSR (Institute of Machine Science of the Georgian SSR). Electronic instruments for the static study of deformations or stresses in compo-

Card 1/4

All-Union conference on methods and ... D270/D301

nents during road tests held the greatest interest. The NAMI instrument permits the simultaneous recording of work at many points. The Gor kiy Automobile Plant exhibited temperature measuring equipment. Small battery-operat d strain gage amplifiers with eight channels were shown by SBK of the Ural skiy avtozavod (Urals Automobile Plant) and NAMI. The Moskovskiy karbyuratornyy zavod (Moscow Carburettor Plant) presented a stand for testing telescopic shock absorbers. The Moskovskiy institut mekhanizatsii i elektrifikatsii sel'skogo khozyaystva (Moscow Institute of the Mechanization and Electrification of Agriculture) demonstrated a mobile laboratory for field testing tractors and similar machines. Papers and reports read at the Conference indicated the increased level of mechanization of experimental and research work. Original remote measurement of temperature was described by the Gor'kiy Automobil Plant; the measurement of power and torque on the shaft of a car was reported by the Leningradskaya lesotekhnicheskaya akademiya (Leningrad Forest-Engineering Academy) and the Moscow Automobil Plant imeni Likhachev; strain gage instruments by NAMI, and the Ul'yanovsk and Urals Automobile Plants; work pick-ups and converters by the Khar!-Card 2/4

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001860820005-1"

kovskiy politekhnicheskiy insitut (Khar'kov Polytechnical Institute), the Engines Laboratory of the AN SSSR (AS USSR), the Nauchnoissledovatel'skiy institut shinnoy promyshlennosti (Scientific Research Institute of the Tire Industry, etc.). Engineer M.I. Briskin (NAMI ) reported on MTY-4 (MTU-4) and AM-3 strain gages. The MTU-4 four-channel strain gage amplifier for dynamic testing has the following features: miniature valves, 12 v battery anode supply via a semiconductor triodes inverter; small size, weight and current consumption; control system which reduces the chances of wrong manipulations; stable balancing and automatic direction of the calibrating signals. For static tests, the self-balancing AM-3 amplifier, developed by NAMI with discreet, series reduction steps, is used; it allows up to 100 tests in 5 minutes to be carried out. The Khar'kovskiy avtodorezhnyy institut (Khar'kov Automobile Highway Insitute) exhibited a mobile laboratory for complex study of the interaction between vehicle and road. The readings are recorded by an oscillograph. Torque is measured by a specially designed dynamometric half-shaft. The Moskovskiy zavod malolitrazhnykh avtomobiley (Moscow Small Automobile Plant) has designed a mobile laborato-Card 3/4

All-Union conference on methods and ... D270/D301

ry which was reported by V.K. Aleksandrov It consisted of: automatic fuel metering system; pick-up for speed counting; distance recorder and revolutions counter; load register; apparatus for studying economic and dynamic problems. The final session of the conference heard papers by: Candidate of Technical Sciences M.I. Lur'ye (NAMI) on "Experimental and calculation methods of studying the dynamics and fueld economy of card"; V.N. Lukin (NAMI) on "Method of measuring noise in the internal combustion car engine" etc.; Engineer F.T. Shibayev of the Gor'kiy Automobile Plant presented a paper on "The Use of high-speed photography for testing cars, engines and units". The conference passes a resolution of the development of research work in automobile construction, including the organization of a specialized factory for batch production of typical complex installations and for apparatus required in car plants and scientific institutes. There are 2 figures.

ASSOCIATION: NAMI

Card 4/4

All-union conference on methods and equipment for testing motor vehicles and their unites. Avt.prom. no.10:41-43 0 '60. (MIRA 13:11)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni nauchno-iseledovatel'skiy avtomobil'nyy i avtomotornyy institut.

(Motor vehicles--Testing)

VOROB'YEV, A.V., inzh.

Electrode transducers in systems of automatic control, signalling and monitoring. Makh.i avtom. proizv. 17 no. 3:34-36 Mr '63. (MIRA 17:9)

AVIETEV, I.M.; VOROB'YEV, A.Ye., starshiy veterinarnyy wrach sevkhesa.

Eye diseases caused by avitaminesis in calves. Veterinariia 32 ne.2:73-74 P 155. (MLRA 8:3)

1.Bryanskaya mezhaevkheznaya vetbaklaberateriya (fer Avdeyev). (CALVES--DISHASES) (EYE--DISHASES AND DEFECTS) (DEFICIENCY DISHASES)

VOROB'YEV, A.Z.; GAVRILOVA, Ye.A.; KULESHOV, D.Ya.

Effect of the frequency of loading on the strength of aluminum alloys. Zav. lab. 29 no.10:1228-1230 '63. (MIRA 16:12)

ACC NR. AP6028194

SOURCE CODE: UR/0032/66/032/006/0733/0736

AUTHOR: Vorob'yev, A. Z.; Gavrilova, Ye. A.; Dotsenko, A. M.

ORG: None

TITLE: The effect of rarely occurring compression cycles upon the endurance of a

SOURCE: Zavodskaya laboratoriya, v. 32, no. 6, 1966, 733-736

TOPIC TAGS: /mechanical fatigue, fatigue strength, fatigue test, alloy steel, duralumin / 30KhGSA alloy steel, D16T duralumin

ABSTRACT: The fatigue tests applied to the samples of tubes made of D16T duralumin and 30KhGSA alloy steel are discussed. The samples are shown in a figure and their mechanical properties are given in a footnote. The specimen were subjected to repeated cyclic loads with an intervention of rarely occurring compression cycles, as shown in a diagram. The cycles causing tensile stresses were of 0.1 - 0.25 and 22 cps, while the frequency of the compression cycle was 0.1 cps. The results of endurance tests are reflected in the graphs. The first graph represents a set of curves demonstrating that the rarely intervening compressive stresses considerably lower the endurance limits of tested samples. Another set of curves shows that a more frequent repetition of compression cycles causes a greater fatigue of material. The tests conducted with D16T samples proved that the

Card 1/2

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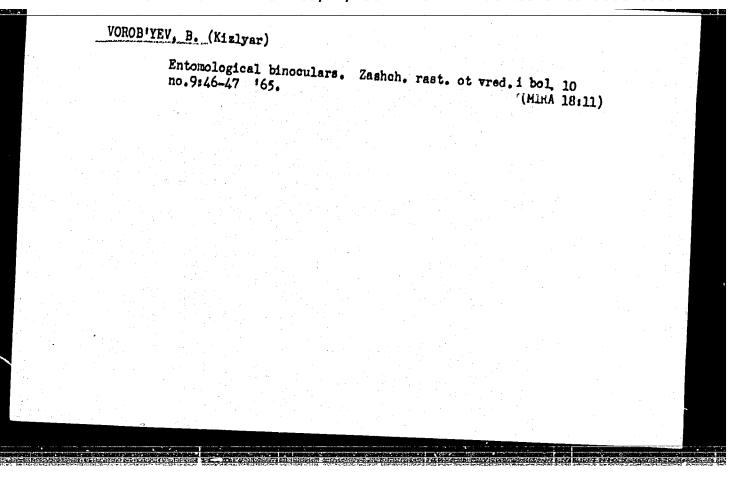
CONTROLLED BY AND THE WAY WERE THE SALES AND SOV/84-59-10-24/53 Vorob'yev, B., Subunit Commander The An-6 on High-Mountain Routes Grazhdanskaya aviatsiya, 1959, Nr 10, p 17 (USSR) AUTHOR: This is a critique of the An-6, made to Aeroflot's TITLE: order, on the basis of the original An-2 design. The An-6 can reach altitudes of up to 8,000 m, and PERIODICAL: is therefore used on the high-mountain routes of Tadzhikistan. The automatic pilot and the GIK-l compass installed in the An-6, however, often fail. ABSTRACT: The readings of the KI-12 compass are unsteady because of vibrations. The power boost, on switching-in the Tk-19 turbo-compressor is 10-15 seconds late, which is dangerous when the plane must climb for a second approach. At altitudes over 6,000 m, the Tksecond approach. At altitudes over 1,000, without 19 turbo-compressor cannot be turned off, without affecting the normal work of the engine. The An-6 affecting the normal work of the engine. is difficult to service because of the cramped location of its mechanisms and equipment. card 1/2

The An-6 on High-Mountain Routes

SOV/84-59-10-24/53

for equipment, and spare parts for the engine and for the turbo-compressor, are unavailable. Although more than one year, it has not yet received any of the Tk-19 unit.

Card 2/2



POTTUKAYEV, M.; VOROB'YHV, B.; STRCNA, P.

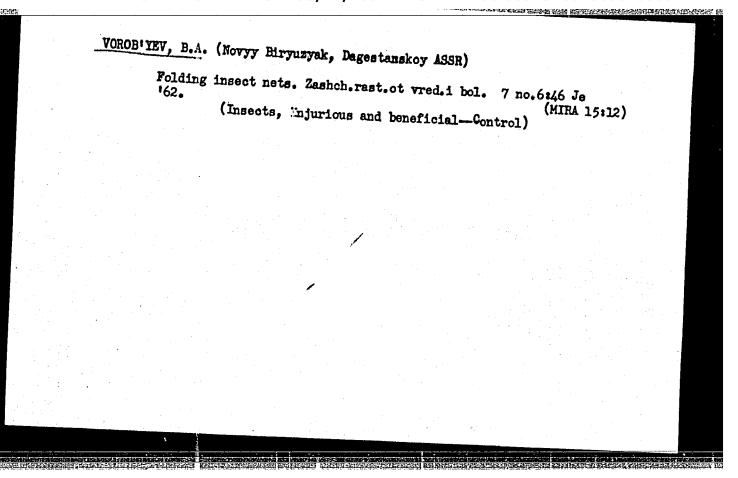
On the book by V.D. Malevanskogo "Open gessers and their control".

(MIRA 17:7)

VOROB'YEV, B., kandidat tekhnicheskikh nauk; KRYLOV, V.

A twenty-four hour coal slicing cycle. Mast.ugl.4 no.9:6-8 3'55.

1. Zamestitel' nachal'nika shakhty imeni Stalina kombinata Kuzbass
(Kuznetsk Basin--Coal mines and mining)



VOROB'YEV, B.A. (pochtovoye otdeleniye Novyy Biryuzyak, Dagestanskoy ASSR)

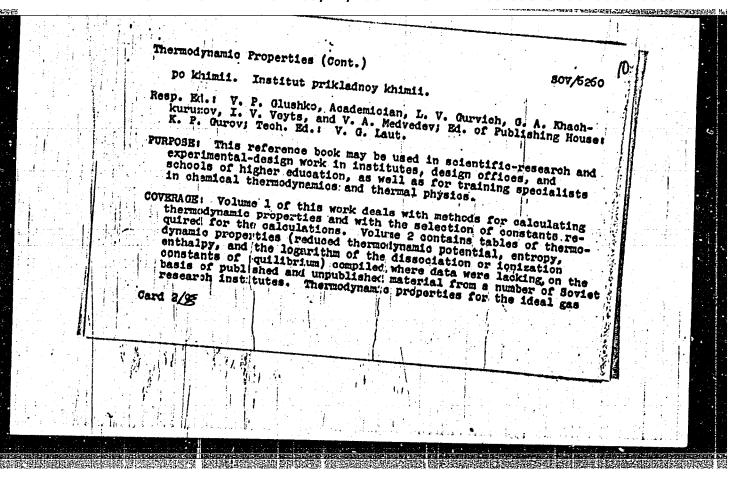
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	Sponsoring Agencies: Akademiya nauk SSSR. Institut goryuchikh iskopayemykh; and Gosudarstvennyy komitet Soveta Ministrov SSSR	
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PURPOSE: This reference book may be used in scientific experimental-design work in institutes, design office schools of higher education, as well as for training in chemical thermodynamics and thermal physics.	3-research and les, and specialists	
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Thermodynamic Properties (Cont.)  state are presented in table form for 335 gases, 44 liquids, and 45 solids compounded from 33 chemical elements and their isotopes, viz.: H, D, T, He, Li, Be, B, C, N, O, F, Ne) Na, Ng, Al, Si, P, S, Cl, Ar, K, Ca, Br, Kr, Re, Sr, Zr, I, Xe, Cs, Ba, Hg, and Pb. Thermodynamic properties are given for the following 22 gases in the range from room temperature to 20,000 K: H, H, H, O, O, Ha, O, Os, OH, OH, HaO, N, N, Na, Na, No, NO, C, C, CO, CO, and maining 299 gases up to 6000 K. Virial coefficients for 34 gases	
TABLE OF CONTENTS (Volume 1) [Abridged]:  Foreword  Introduction  PART I. FETHODS OF CALCULATING THE THERMODYNAMIC P) OPERTIES OF INDIVIDUAL SUBSTANCES	
Card 3/35	

VOROB'YEV, B.A. (Kizlyar, Dagestanskaya ASSR)

Advice to a photographer entomologist. Zashch. rast. ot vred.
1 bol. 9 no.8:33-34 164. (MIRA 17:12)

GURVICH, L.V.; VOROB'YEV, B.A.; KVLIVIDZE, V.A.; PROZOROVSKIY, Ye.A.; TRISHCHEVA, H.P.; YUNGMAH, V.S.

Thermodynamic functions of monc- and diatomic gases within a wide range of temperatures. Part 6: 0,0<sup>+</sup>, 0<sub>2</sub>, and 0½ in the ideal state up to 20 000<sup>0</sup> K. Trudy GIFKH no.49:38-60 '62. (MIRA 17:11)

\*\*CROB\*YEV, B.A. (Novyy Biryuzyak, Dagestanskoy ASSR)

Combine kills the shield bug Eurygaster integriceps. Zashoh.

rast. ot vred. i bol. 7 no.12:16 D \*\*62. (MIRA 16:7)

(Eurygasters—Extermination)

COUNTRY F. USSR CATIMORY Zooparasitology. Ticks and Insects -- The RZE101., No. 1053, 10. 10361 ARA, JOUR. : ROHTBA (Vorobiyev, B. A. TREET. TITLE Mosquitoes of Tyulen'y Island ORIG. PUB. : Med. parazitol. I parazitarn, bolezni, 1958, 27, No 1, 67-68 TOARTEEL The article deals with the finding of a considerable number of mosquitoes, Aldes caspius, Anopheles hyrcanus and A. maculipennis, in provisional buildings on the half desert Tyulen'ly Island, which is without any trees (in the Caspian Sea 32 kilometers northwest of Suyutkina Kosa) the island is of alluvial origin and consists of sand and shellrock covered with a thin layer of soil; because of the high degree of permeability of the soil, CARD: 1/2

CATEGORY:

ASS. JOUR. : RZBiol., No. 1959, No. 10361

AUTHOR:
INST. :

ORIG. PUB. :

Country

TITLE

ABSTRACT : apparently, there are no permanent water bodies

here, with the exception of salt water bodies in

lowlands flooded by the sea, along the northwestern coast of the island. No

mosquito larvae were found in them. No male mosquitoes could be found either. After storms an increase was noted in the mosquito census on the island. The possibility of importation of the

mosquitoes to the island by the wind is discussed. -- N. Ya. Markovich

CARD: 2/2

VOROB'YEV, B.I., kand. med. nauk

Myocardial blood supply in atherocardiosolerosis. Terap arkh. 34 no.10:58-64 0:62 (MIRA 17:4)

1. Iz kafedry propedevticheskoy terapii ( zav. - prof. I.V. Zherdin) Volgogradskogo meditsinskogo instituta.

vosob'yzv, B. (Volgograd, ul. horomol'skaya, 10, 14.85,

ingiceardicerchitectonica under mermal conditions and in some
meant diseases. Orkn. unit. giar, 1 amb. 45 to. 1166-76
N 163.

(MIRA 17:8)

Nafedza procesamicheskoy tarasii (zev. + prof. 1.V. Sheridin)
 Volgopradasogo meditainakogo žapizitata.

POLYANTSEV, A.A. (Volgograd, ul. Rishkina, d.14, kv.46); VOROB'YEV, B.I.; VOROB'YEV, A.F.

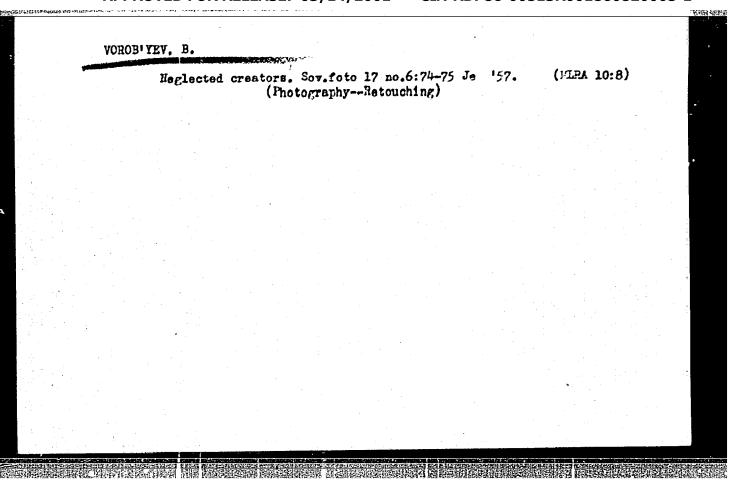
Our experience in surgical treatment of mitral stenosis. Grudn. khir. 5 no.4212-16 Jl-Ag 63 (MIRA 17:1)

1. Iz kliniki obshchey khirurgii ( zav. - prof. A.A.Polyantser) i kliniki obshchey terapii ( zav. I.V.Zherdin)Vol gogradskogo meditsinskogo instituta.

VOROB'YEV, B. L.

34091. Perspektivy razvitiya zverovodstva na kol'skom polumetrove. Karakulevodstvo i zverovodstvo, 1949, Ko. 5, c. 42-43

SO: Knizhuaya, Letopis', Vol. 7, 1955



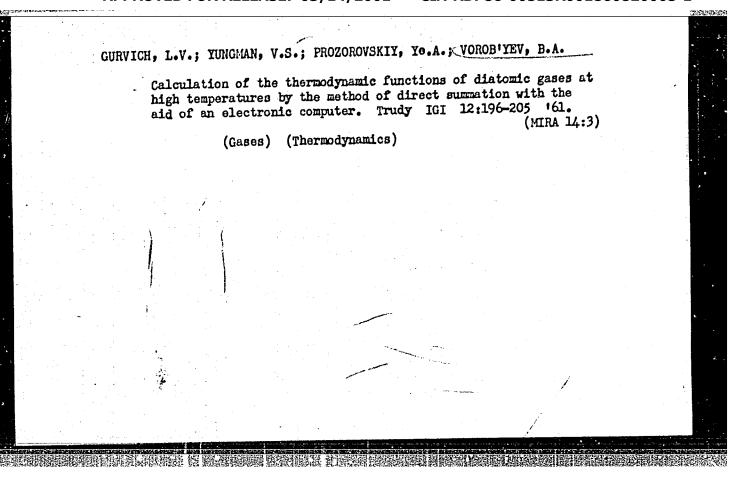
VOROB'TEV, B., kandidat tekhnicheskikh nauk.

Perfecting the mining system of coal fields ("Working large steep veins by transversely dipped seams with hydraulic filler."

P.Luk'ianov. Reviewed by B.Vorob'ev). Mast.ugl. 3 no.1:30 Ja '54,

(Coal mines and mining) (Luk'ianov, P.)

	VOROBIYEV, B.A.	,	
•	Larvae of dipterans inhabiting water accumulations in the axils of the teasel plant. Ent. oboz.39 no.4:799-801 '60 (MIRA 14:3) (Animals, Habitations of) (Diptera) (Teasel)		
		: .	



YOROB'YEV, B.A. Mosquitoes of Tyuleniy Island. Med.paraz. i paraz.bol. 27 no.1: 67-68 Ja-F \*58. (HOSQUITORS, distribution on Tuleniy Island (Rus))

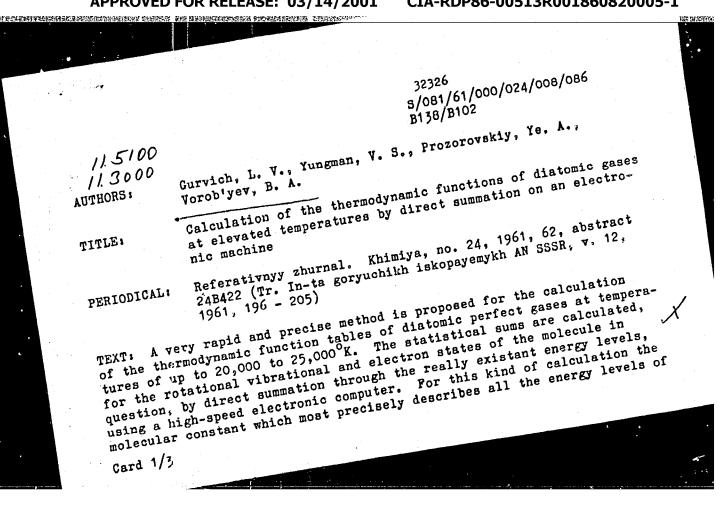
GURVICH, Lev Veniaminovich, kand. khim. nauk; KHACHKURUZOV, Georgiy Akopovich, kand. khim. nauk; MEDVEDEV, Vedin Andreyevich, kand. khim. nauk; VEYTS, Inessa Veniaminovna, kand. khim. nauk; BERGMAN, Georgiy Andreyevich; YUNGMAN, Vladimir Stepanovich; RTISHCHEVA, Nina Petrovna; KURATOVA, Lidiya Fedorevna; YURKOV, Georgiy Nikolayevich; KANE, Amaliya Abramovna; YUDIN, Boris Fedorovich; BRCUNSHTEYN, Boris Isidorovich; BAYMUZ, Viktor Feodoseyevich; KVLIVIDZE, Valeriy Aleksandrovich; PROZOROVSKIY, Yevgeniy Aleksandrovich; VOROB'YEV, Boris Aleksandrovich; GERASIMOV, Ya.I., retsenzeng; SKURATOV, S.M., prof., retsenzent; GLUSHKO, V.P., akad., otv.red.; KHACHKURUZOV, G.A., red.; GUROV, K.P., red.izd-va; LAUT, V.G., tekhn.red.

[Thermodynamic properties of individual substances; reference guide in two volumes] Termodinamicheskie svoistva individual - nykh veshchestv; spravochnik v dvukh tomakh. Izd.2., polnostiu perer. i rasshirennoe. Pod red. V.P.Glushko (otv. red.) i dr. Moskva, Izd-vo Akad. nauk SSSR. Vol.1. (Calculation of thermodynamic properties] Vychislenie termodinamicheskikh svoistv. 1962. 1161 p. Vol.2. [Tables of thermodynamic properties] Tablitsy termodinamicheskikh svoistv. 1962. 916 p. (MIRA 15:10)

VOROB'TEV, B.A.; AHTIPINA, Z.A., redaktor; ALEESANDROV, V.I., tekhnicheskiy

[Transfer pictures (decalcomania)] Perevodnye isobrazheniia
(dekal'komania). Moskva, Gos. izd-vo "Iskusstvo," 1952. 106 p.
[Microfile]
(Decalcomania)

(Decalcomania)



32326 S/081/61/000/024/008/086 B138/B102

Calculation of the thermodynamic ...

the molecule must be known, as also the highest values of the quantum numbers up to which summation is to be made. A method is described for calculating vibrational constants and maximum vibrational quantum numbers v(max) using the conditions for the convergence of the vibrational levels toward the dissociation limit. A method has been developed for calculating values of rotational quantum numbers J(max) for each vibrational state, using the properties of the effective potential curves of the rotating molecule. As an example some results are given of the calculation of the main state  $x^3Z_g^-$  of an  $O_2$  molecule. In particular, to describe the energy of vibrational levels (in cm<sup>-1</sup>) the equation  $G_0(v) = 1568.077 \ v - 11.706 \ v^2 - 0.00255 \ v^3 + 0.00224 \ v^4 - 0.0000821 \ v^5$  is derived, which converges towards the 41261 cm<sup>-1</sup> limit at v(max) = 42 (experimental values of dissociation energy of  $O_2$  are 41260 ± 15 cm<sup>-1</sup>). J(max) values are found for all v. The thermodynamic functions of molecular oxygen are given for the following temperatures:  $5000^{\circ}K$  (63.395 and 73.038),  $10000^{\circ}K$  (70.457 and 79.942), Card 2/3

Calculation of the thermodynamic ...

32326 \$/081/61/000/024/008/086 B138/B102

15000°K (74.229 and 83.255) and 20000°K (76.746 and 83.203) (values in brackets are for the isobaric-isothermal potential \$\psi\_{\text{and entropy}}^{\text{\*}}\$ and entropy \$\Sigma\_{\text{\*}}^{\text{\*}}\$ respectively, in cal/mol. degree. [Abstracter's note: Complete translation.]

Card 3/3

VOROB'YEV, B					N/5 718.5
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**AUTHORS:** 

Gurvich, L.V., Yungman, V.S., Prozorovskiy, Ye A.

and Vorob'yev, B.A.

TITLE :

Calculation of the thermodynamic function of di-atomic gases at high temperatures by direct

summation on a computer

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika. no. 2, 1962, 4, abstract 2G 31. (Tr. In-ta

goryuchikh iskopayemykh AN SSSR, no.12, 1961.

196-205)

TEXT: A calculating procedure is described and, by way of example, the results of a calculation are given for molecular oxygen. The calculations were made on an electronic computer BOCM (BESM) of AS USSR.

19 literature references.

[Abstractor's note: Complete translation.]

Card 1/1

VOROB'YEV, B.A. (Kizlyar, Dabestanskaya ASSR)

Apparatus for collecting grain thrips. Zashch. rast. ot vred. 1 bol. 6 no.7:46 Jl '61. (MIRA 16:5)

## VOROB'YEV, B.I.

Functional treatment of intra-articular fractures of the knee joint. Ortop., travm.i protes. 23 no.5:84-86 My '62. (MIRA 15:11)

1. Iz mediko-sanitarnoy chasti zavodov "Zaporozhstal" i "Dneprospetsstal" (glavnyy vrach - G.L. Vernikov).

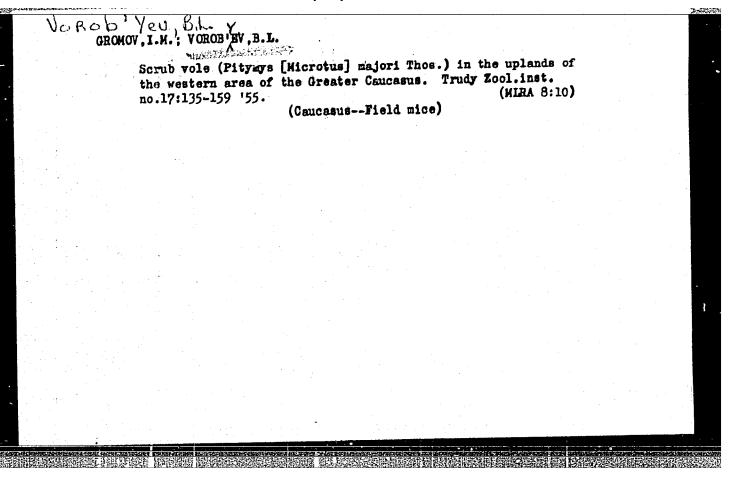
(KNEE-FRACTURE)

## "APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001860820005-1

VCROB'YEV, B.A., kand.med.neuk; PAVLOVA, L.D. (Moskva)

Antisympathin for treating hypertension. Klin.med. 35[i.e.34] no.1
Supplement: 6-7 Ja '57.
(HYPERTENSION) (SYMPATHOLYTICS)



BURCHAKOV, A.S., doktor tekhn: nauk; VOROB'YEV, B.M., kand. tekhn. nauk; SHORIN, V.G., doktor tekhn. nauk; AVDULOV, P.V., aspirant

Using the PFRT system for planning the expansion of mining operations in a mine. Ugol 40 no.4430-34 Ap 155. (MERA 1845)

1. Moskovskiy institut radioelektroniki i gorncy elektromeknaniki.

VOROB! THV, Dm.

Aid for rural amateur photographers ("Aid for the rural amateur photographer" by A.H. Vedenov. Reviewed by Dm. Vorob!ev). Sov. foto 17 no.12:60-62 D '57.

(Photography) (Vedenov, A.N.)

VOROB'YEV, B.M., dots., kand.tekhn.nauk.

Generalizing experiences in mining steep-pitching seams by inclined cross-section layers with hydraulic filling. Nauch. trudy MOI no.13/14:65-80 '54. (MIRA 10:10)

(Hydraulic mining)

VOROB YEV, B.M.

15-57-7-10240

Referativnyy zhurnal, Geologiya, 1957, Nr 7, Translation from:

p 233 (USSR)

AUTHOR:

Vorob'yev, B. M.

TITLE:

Proximate Graphic Determinations of Basic Elements in

Hydraulic Cementing Process (Graficheskiy metod priblizhennogo rascheta osnovnykh elementov gidro-

zakladochnogo kompleksa)

PERIODICAL:

Nauch. tr. po vopr. gorn. dela. Mosk. gorn. in-t, 1955, sb. Nr 16, pp 197-202

ABSTRACT:

The author presents a nomograph which shows the relationships between basic elements of hydraulic cementing process. These elements are: the losses of pressure in pipe  $\underline{h}$ ; the radius of action of the machine 1; the diameter of the pipe conducting the wet mixture d; the rate of movement of the wet mixture

in the pipe  $\overline{\underline{v}}$ ; the quantity of the dry grout  $Q_m$  and

Card 1/2

Proximate Graphic Determinations of Basic Elements (Cont.)

of the wet mixture  $Q_n$ ; the consistency of the mixture K; the density of the mixture  $\mathcal{H}$ ; and the porosity of the grout  $\underline{n}$ . The values of these elements may be determined for various conditions by means of this nomograph. The latter also serves to solve inverse problems, such as the one of determining the radius of action of the machine  $\underline{l}$  from the given losses of pressure. The author explains the theoretical basis of the nomograph and illustrates the method of using it.

Card 2/2G. A. Teplitskiy

VOROB'YEV, B.M., dotsent, kandidat tekhnicheskikh nauk.

Oraphic method for an approximate evaluation of basic elements of hydraulic filling installation. Nauch. trudy MOI no.16:197-202 '55 [cover '56].

(MLRA 10:4)

(Hydraulic mining)

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001860820005-1 VOROBYEV, BM. VOROB'YEV, B.M.; SONIN, S.D., redaktor; GNEDIN, V.Ye., redaktor; TILTINSKAYA, G.M., tekhnicheskiy redaktor; ANDREYEV, G.G., tekhnicheskiy redaktor. [Mining thick steeply dipping coal seams and hydraulic filling of mined areas] Razrabotka moshchnykh krutopadaiushchikh plastov; s gidravlicheskoi zakladkoi vyrabotannogo prostranstav. Moskva, Ugletekhizdat, 1955. 150 p. [Microfilm]
(Coal mines and mining) (MLRA 9:1) (Coal mines and mining)

VOROBYEV, B.M.

EAGDASAROV,G.B., inzhener

A valuable work("Experience in working thick seams using hydraulic stowage in the mines of the Tkibuli Coal Trust."

B.M.Vorob'ev, G.S.Endeladze. Reviewed by G.B.Bagdasarov).

— (Coal mines and mining) (Vorob'ev,B.M.) (Endeladze,G.S.)

FRITSSHE, K.G.[Fritzsche, Carl Hellmut, 1895-); POTS, Ye.L.[Potts, Edward Logan Johnston]; YERSHOV, N.N.[translator]; YOBOB!YEV, B.M., red.

[Horizontal mining]Etazhnaia razrabotka ugol'nykh mestorozhdenii. Moskva, Ugletekhizdat, 1956. 394 p. (MIRA 15:12) (Coal mines and mining)

CROB!YAY, Boris Mikhaylovich; KRYLOV, Vladimir Fedorovich; KULIKOV, A.P., otvetstvennyy redaktor; OKHRIMENKO, V.A., redaktor izdatel stva; ANDREYEV; G.G., tekhnicheskiy redaktor; NADEINSKAYA, A.A., tekhnicheskiy redaktor

[Generalization of the experience of leading crews using the layer aystem pf mining with back filling; the I.V.Stalin mine of the "Kuxbassugol'" combine] Obobshchenie opyta peredovykh brigad po osvoeniiu sloevykh sistem razrabotki s zakladkoi; shakhta im. I.V. Stalina kombinata "Kuzbassugol'". Moskva, Ugletekhizdat, 1956, 48 p. (MLRA 9:10)

(Kuznotsk Basin -- Coal mines and mining)

VOROB!TEV, B.M., dets., kand.tekhn.nauk

Underground sumps in hydraulic filling operations. Nauch. trudy MFI no.18:19-26 '57. (MIRA 11:9)

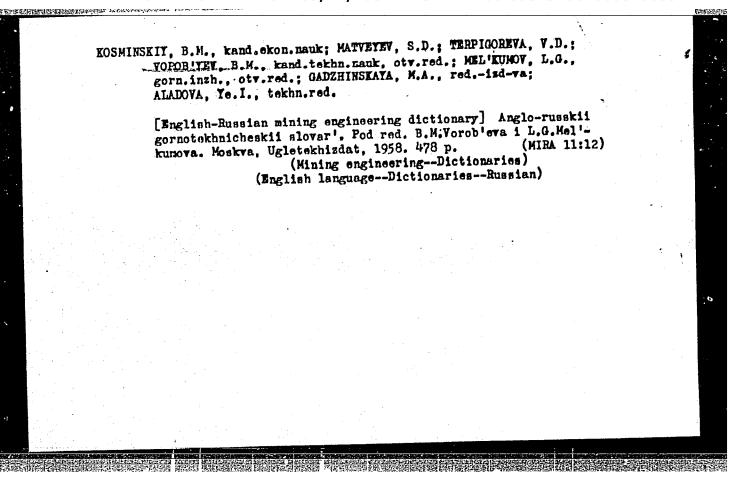
(Hydraulic mining)

BIMI VOROB YEV DOKUKIN, Aleksandr Viktorovich, prof., doktor tekhn.nauk; ONIKA, Dmitriy Grigor yevich, doktor tekhn.nauk; VOROB YEV, B.H., otvetstvennyy red.; LEVITSKIY, Ya.B., otvetstvennyy red.; LEVITSKIY, Ya.B., otvetstvennyy red.; LEVITSKIY, Ya.B., tekhn.red.; NADEINSKAYA, A.A., tekhn.red. [Polish coal industry] Ugol'naia promyshlennost' Pol'skoi Marodnoi Respubliki. Moskva, Ugletekhizdat, 1957. 523 p. (MIRA 11:4) (Poland--Coal mines and mining)

**APPROVED FOR RELEASE: 03/14/2001** CIA-RDP86-00513R001860820005-1"

VOROB'YEV. Boris Mikhaylovich, BOBYLEV, Aleksandr Petrovich, KILYACHKOV, A.P. otv.red.; SHUSHKOVSKAYA, Ye.L. red.; VINOGRADOVA, G.V., red.; IL'INSKAYA, G.M., tekhn.red.; TERPIGOREV, A.M., red.

[Fundamentals of mining] Osnovy gornogo dela. Pod obshchei red.
A.M. Terpigoreva. Moskva, Ugletekhizdat, 1958. 320 p. (MIRA 11:9)
(Mining geology)
(Mining engineering)



VOROB!YEV, B.M., dots., kand.tekhn.nauk

1. Predstavleno kafedroy razrabotki plastovykh nestorozhdeniy Moskovskogo gornogo instituta imeni I.V. Stalina. (Mine filling)

KRYLOV, Vladimir Fedorovich, inzh.; PLESHAKOV, Grigoriy Yakovlevich, kand.tekhn.nauk; VOROB'YEV, Boris Mikhaylovich, kand.tekhn.nauk; ZHUKOV, V.V., otv.red.; SHKLYAR, S.Ia., tekhn.red.

[Working thick sloping coal seams] Iz opyta razrabotki moshchnykh pologikh plastov. Moskva, Ugletekhizdat, 1959. 165 p.
(MIRA 12:12)

(Coal mines and mining)

YOROB'YEV, Boris Mikhaylovich, kand.tekhn.nauk; ZHUKOV, V.V., otv.red.;
IL'INSKAYA, G.M., tekhn.red.

[Filling operations in coal mines] Zekladochnye raboty v ugol'nykh shakhtakh. Moskva, Uglotekhizdat, 1959. 62 p.

(Mine filling)

(Mine filling)

SONIN, S.D., prof.; VOROB'IEV, B.M., dots.

Variants of the pillar system with panelling and leaving of rock in the mine. Ugol' Ukr. 3 no.3:7-12 Mr '59.

(Coal mines and mining)

(Mine filling)

SONIN, Semen Danilovich; VOROBYEV, Boris Mikhaylovich; ZHUKOV, V.V., otv. red.; SMIRENSKIY, M.M., red. izd-va; MINSKER, L.I., tekhn. red.

[Technological flow charts of rock disposal in mines]Tekhnologicheskie skhemy razmeshcheniia porody v shakhte. Moskva, Gosgortekhizdat, 1961. 161 p. (MIRA 15:10) (Mine filling)

SONIN, S.D., prof.; VOROB'YEV, B.M., dotsent; RESHETNIK, G.I.

Mine filling leaving rock in the mine in hydraulic mining.
Ugol' Ukr. 5 no.10:27-30 0 '61. (MIRA 14:12)

1. Moskovskiy gornyy institut (for Sonin, Vorob'yev). 2. Glavnyy inzhener shakhty No.1/2 "Novo-Golubovka" (for Reshetnik).

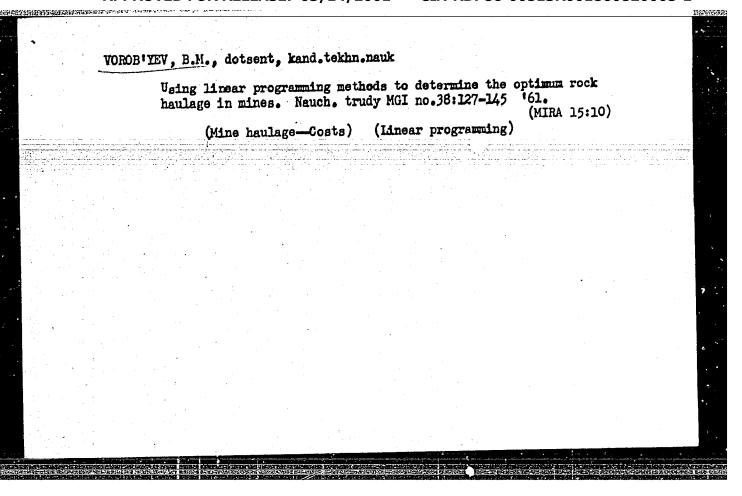
(Hydraulic mining)

VOROB'YEV, B. M., dotsent; YEVTUSHENKO, V. A., starshiy prepodavatel;

Using linear programming methods to determine optimum rock flowages in mines. Izv. vys. ucheb. zav.; gor. zhur. no.9: 77-79 61.

1. Moskovskiy gornyy institut imeni Stalina. Rekomendovana laboratoriyey elektronnogo modelirovaniya.

(Mining engineering)



KRASNIKOVSKIY, G.V., prof., red.; MALYSHEV, A.S., red.; VOROBYEY, B.M., dots., kand. tekhm. nauk, red.; KAIMYK, M.K., gornyy inzh., red.; ZHUKOV, V.V., kand. tekhm. nauk, otv. red.; SMIRENSKIY, M.M., red. izd-va; SABITOV, A., tekhn. red.

[Problems in mining engineering; collected articles on the occasion of the 70th birthday of Professor S.D.Sonin] Voprosy gornogo dela; sbornik statei, posviashchennyi 70-letiiu so dnia rozhdeniia professora S.D.Sonina. Moskva, Gos. nauchmo-tekhn. izd-vo lit-ry po gornomu delu, 1962. 402 p. (MIRA 15:5)

1. Zaveduyushchiy kafedroy razrabotki plasto ykh mestorozhdeniy Moskovskogo gornogo instituta (for Krasnikovskiy). (Sonin, Semen Danilovich, 1891—) (Coal mines and mining)

BURCHAKOV, A.S., prof.; VOROB'YEY, B.M., dotsent; AVDULOV, P.V., aspirant; SHORIN, V.G., prof.; LIKHTERMAN, S.S.; BUSAROV, Yu.F.

Experimental application of network planning in operating mines. Ugol: 40 no.11:44-47 '65. (MIRA 18:11)

1. Moskovskiy institut radioelektroniki i gornoy elektromekhaniki (for Burchakov, Vorob'yev, Avdulov, Shorin). 2. Glavnyy inzh. shakhty No.l "Bibikovskaya" (for Likhterman). 3. Pomoshchnik glavnogo inzhenera shakhty No.l "Bibikovskaya" (for Busarov).

BURCHAKOV, A.S., prof.; VOROB'YEV, B.M., dotsent; SHORIN, V.G., prof.; AVDULOV, P.V., gornyy inzh.

Structure of the system of operational control in coal mines. Ugol' (MIRA 18:10)

TSIOLKOVSKIY, Konstantin Eduardovich; VOROB'YEV, B.N., red.

[Life in the interstellar environment] Zhizn' v mezhzvezdnoi srede. Moskva, Nauka, 1964. 82 p.
(MIRA 18:1)

VOROB'EV, Boris Nikitich

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DLC: TL504.Z3

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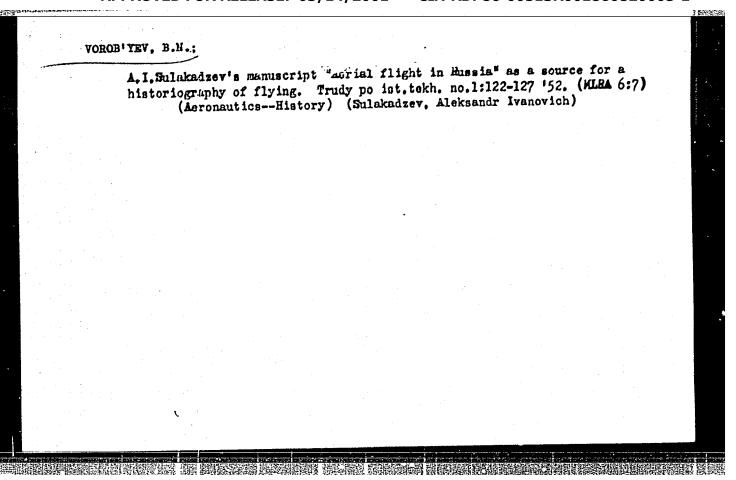
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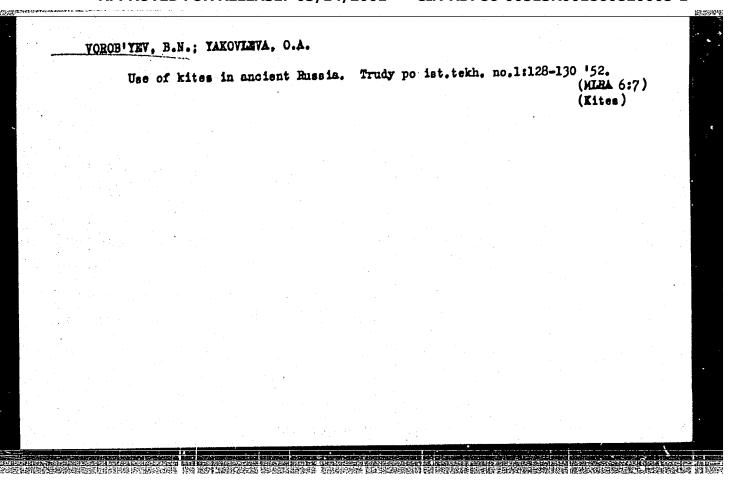
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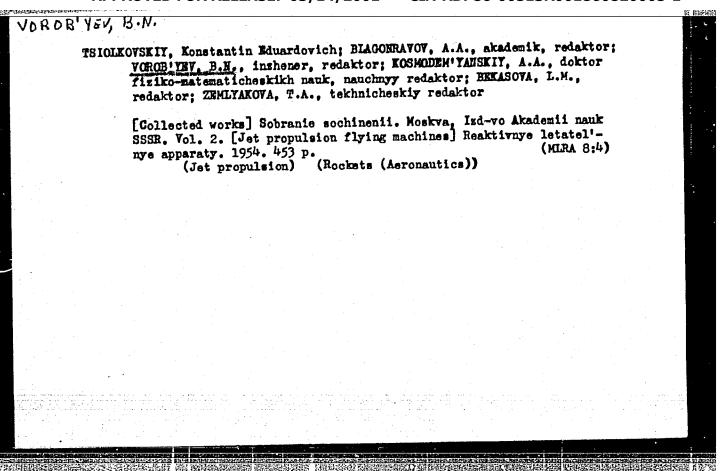
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